| I. Nun |        |  | DB                     | Time stamp       |
|--------|--------|--|------------------------|------------------|
| 119    | 110923 | (22311,2211 113122   | USPAT;                 | 2003/06/14 15:25 |
|        |        | niobate) (lithium near tantalate) quart))  | US-PGPUB;              | İ                |
|        |        |  | EPO; JPO;              |                  |
| 120    | 12756  | ((substrate nearl (silicon (lithium near   | DERWENT<br>USPAT;      | 2002/06/14 15:21 |
|        |        | niobate) (lithium near tantalate) quart)))   | US-PGPUB;              | 2003/06/14 15:31 |
|        |        | and (transparent window lens) and  | EPO; JPO;              |                  |
| ĺ      |        | (microstructure micromechanical  | DERWENT                |                  |
|        |        | microelectronic optoelectronic optical)  |                        |                  |
| 121    | 2      | (((substrate near1 (silicon (lithium near  | USPAT;                 | 2003/06/14 15:05 |
|        |        | niobate) (lithium near tantalate) quart)))   | US-PGPUB;              |                  |
|        |        | and (transparent window lens) and  | EPO; JPO;              |                  |
|        | -      | (microstructure micromechanical   microelectronic optoelectronic optical))   | DERWENT                | 1.               |
|        | j      | and crytalline   |                        | Į.               |
| 1.22   | 3208   |  | USPAT;                 | 2003/06/14 15:12 |
|        | ļ      | niobate) (lithium near tantalate) quart)))   | US-PGPUB;              | 2003/00/14 (5.12 |
|        |        | and (transparent window lens) and  | EPO; JPO;              |                  |
|        |        | (microstructure micromechanical  | DERWENT                |                  |
|        |        | microelectronic optoelectronic optical))   |                        |                  |
| 100    |        | and crystalline  |                        |                  |
| 123    | 4      | The state of the s | USPAT;                 | 2003/06/14 15:24 |
|        |        | niobate) (lithium near tantalate) quart))) and (transparent window lens) and   | US-PGPUB;              |                  |
|        |        | (microstructure micromechanical  | EPO; JPO; DERWENT      |                  |
| 4      |        | microelectronic optoelectronic optical))   | DEKMENT                |                  |
|        |        | and crystalline) and (csp (chip adj (sized   |                        |                  |
|        |        | scale) adj package))   |                        |                  |
| 124    | 332    | The state of the s | USPAT;                 | 2003/06/14 15:09 |
|        |        | niobate) (lithium near tantalate) quart)))   | US-PGPUB;              |                  |
|        |        | and (transparent window lens) and  | EPO; JPO;              |                  |
|        |        | (microstructure micromechanical  | DERWENT                |                  |
|        |        | microelectronic optoelectronic optical)) and crystalline) and (bump ball csp (chip   |                        |                  |
|        |        | adj (sized scale) adj package))  |                        |                  |
| 125    | 331    | ((((substrate near1 (silicon (lithium near   | USPAT;                 | 2003/06/14 15:10 |
|        |        | niobate) (lithium near tantalate) quart)))   | US-PGPUB;              |                  |
|        |        | and (transparent window lens) and  | EPO; JPO;              |                  |
|        |        | (microstructure micromechanical  | DERWENT                |                  |
|        |        | microelectronic optoelectronic optical))   |                        |                  |
| 126    | 165    | and crystalline) and (bump ball)   | HODAM                  | 2002/06/14 15 10 |
| 120    | 103    | (((((substrate nearl (silicon (lithium near niobate) (lithium near tantalate)  | USPAT;                 | 2003/06/14 15:10 |
|        |        | quart))) and (transparent window lens) and   | US-PGPUB;<br>EPO; JPO; |                  |
|        |        | (microstructure micromechanical  | DERWENT                |                  |
|        |        | microelectronic optoelectronic optical))   |                        |                  |
|        |        | and crystalline) and (bump ball)) and  |                        |                  |
| 100    |        | adhesive   |                        |                  |
| 127    | 204    | , , , , , , , , , , , , , , , , , , ,  | USPAT;                 | 2003/06/14 15:11 |
|        |        | near niobate) (lithium near tantalate)   | US-PGPUB;              |                  |
|        |        | quart))) and (transparent window lens) and (microstructure micromechanical   | EPO; JPO; DERWENT      |                  |
|        |        | microelectronic optoelectronic optical))   | DEKMENT.               |                  |
|        |        | and crystalline) and (bump ball)) and  |                        |                  |
|        |        | (adhesive epoxy)   |                        |                  |
| 128    | 362    | ((substrate nearl (silicon (lithium near   | USPAT;                 | 2003/06/14 15:25 |
|        |        | <pre>niobate) (lithium near tantalate) quart)))</pre>  | US-PGPUB;              |                  |
|        |        | and (csp (chip adj (sized scale) adj   | EPO; JPO;              |                  |
| 100    | 112604 | package))  | DERWENT                |                  |
| 129    | 113684 | (substrate near1 (crystalline silicon  | USPAT;                 | 2003/06/14 15:25 |
|        |        | <pre>(lithium near niobate) (lithium near tantalate) quart))</pre>   | US-PGPUB;              |                  |
|        |        | cancarace, quart,,   | EPO; JPO;<br>DERWENT   | 4 9              |
| 130    | 362    | ((substrate nearl (crystalline silicon   | USPAT;                 | 2003/06/14 15:26 |
|        |        | (lithium near niobate) (lithium near   | US-PGPUB;              | 2000/00/14 13.20 |
|        |        | tantalate) quart))) and (csp (chip adj   | EPO; JPO;              |                  |
|        |        | (sized scale) adj package))  | DERWENT                |                  |

| [131 - | T        | (((substrate nearl (crystalline silicon   | USPAT;    | 12002/06/14 15  | 20 |
|--------|----------|---|-----------|-----------------|----|
| 1      |          | (lithium near niobate) (lithium near      | US-PGPUB; | 2003/06/14 15:  | 38 |
|        |          | tantalate) quart))) and (csp (chip adj    | EPO; JPO; |                 |    |
|        |          | (sized scale) adj package))) and          | DERWENT   |                 |    |
|        |          | (transparent light image lens             | DEIMERAT  |                 |    |
| i      |          | optoelectronic optical)                   |           |                 |    |
| 132    | 37       | (((substrate near1 (crystalline silicon   | USPAT;    | 2003/06/14 15:  | 30 |
|        |          | (lithium near niobate) (lithium near      | US-PGPUB; | 2003/00/14 13:  | 30 |
|        |          | tantalate) quart))) and (csp (chip adj    | EPO; JPO; |                 |    |
| İ      |          | (sized scale) adj package))) and          | DERWENT   |                 |    |
|        |          | (microstructure micromechanical           |           |                 |    |
|        |          | microelectronic)                          |           |                 |    |
| 133    | 282      | ((substrate nearl (crystalline silicon    | USPAT;    | 2003/06/14 15:  | 38 |
|        |          | (lithium near niobate) (lithium near      | US-PGPUB; |                 |    |
|        | }        | tantalate) quart))) near3 (microstructure | EPO; JPO; |                 |    |
|        |          | micromechanical microelectronic           | DERWENT   |                 |    |
| 1      |          | micromachine)                             |           |                 | 1  |
| 134    | 142      | (01)00011                                 | USPAT;    | 2003/06/14 15:3 | 39 |
|        |          | (lithium near niobate) (lithium near      | US-PGPUB; |                 | İ  |
|        |          | tantalate) quart))) near3 (microstructure | EPO; JPO; |                 |    |
|        |          | micromechanical microelectronic           | DERWENT   |                 | ŀ  |
|        |          | micromachine)) and (transparent lens      |           | 1               |    |
| 1 2 5  |          | optoelectronic optical)                   |           |                 |    |
| 135    | 33       | ((((substrate nearl (crystalline silicon  | USPAT;    | 2003/06/14 15:  | 39 |
|        |          | (lithium near niobate) (lithium near      | US-PGPUB; |                 |    |
|        |          | tantalate) quart))) near3 (microstructure | EPO; JPO; |                 |    |
|        |          | micromechanical microelectronic           | DERWENT   |                 |    |
|        |          | micromachine)) and (transparent lens      |           |                 |    |
|        | <u> </u> | optoelectronic optical)) and cavit\$2     |           |                 |    |